

CLAIMS:

1. A sterilizer comprising:

a housing forming an enclosure:

a receptacle movably arranged in said housing, said receptacle permitting the passage of UV-C radiation therethrough;

a source of UV-C radiation located within said enclosure;

and means for rotating said receptacle inside said enclosure;

wherein UV-C radiation from said source of UV-C radiation is directed through said receptacle as said receptacle is rotated.

2. The sterilizer of claim 1 wherein said means for rotating said receptacle is an electric motor.

3. The sterilizer of claim 1 wherein said receptacle is a basket which has openings sufficient to permit UV-C radiation to pass through to achieve sterilization in an optimum amount of time.

4. The sterilizer of claim 3 wherein the optimum amount of time is about fifteen minutes.

5. The sterilizer of claim 1 further comprising a door sealing said enclosure.

6. The sterilizer of claim 5 where said door has a window therein.

7. The sterilizer of claim 1 wherein said receptacle has means therein for agitating items placed in said receptacle.

8. The sterilizer of claim 1 wherein said UV-C radiation source emits radiation having a bandwidth between 200nm and 290nm.

9. The sterilizer of claim 1 wherein said UV-C radiation source emits radiation having a bandwidth between 250nm and 260nm.

10. The sterilizer of claim 1 further comprising a power switch operated by a timer.

11. The sterilizer of claim 1 further comprising a base mounting said housing.

12. The sterilizer of claim 1 wherein items placed in said receptacle are exposed to UV-C radiation and thereby sterilized.

13. A sterilizer for disinfecting items comprising:

an enclosure which can be opened and closed on at least one side;

a receptacle for receiving said items and movably arranged inside said enclosure wherein said receptacle does not interfere with the transmission of UV-C radiation;

a source of UV-C radiation located within said enclosure;

means for rotating said receptacle inside said enclosure;

a power source; and

a power switch electrically connected to said power source, said source of UV-C radiation and said means for rotating;

whereby when said sterilizer is connected to said power source and said power switch is activated, UV-C

radiation from said source of UV-C radiation is uniformly directed onto said items located in said receptacle and said means for rotating causes said receptacle to move.

14. The sterilizer of claim 13 wherein exposure time of said items to said UV-C radiation is about fifteen minutes.